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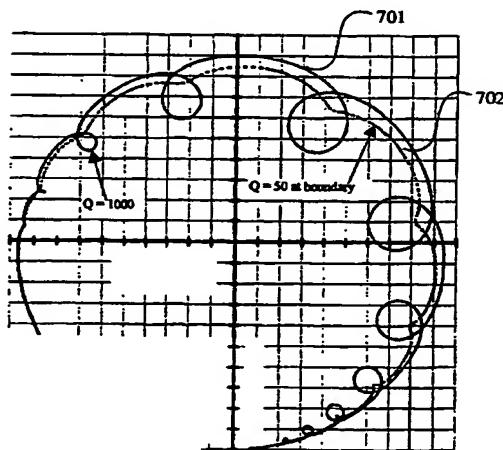
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(54) Title: RESONATOR STRUCTURE AND A FILTER HAVING SUCH A RESONATOR STRUCTURE



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(57) Abstract: Resonator structure (600, 800, 810, 820) comprises two conductor layers (110, 120) and a piezoelectric layer (100) in between the conductor layers, and said conductor layers and piezoelectric layer extend over a first area of the resonator structure, which first area is a piezoelectrically excitable area of the resonator structure. The resonator structure is characterized in that it is arranged to have a zone (603, 801, 803, 804), which confines a center area (604, 802) within the first area of the resonator, and the layer structure in the zone is arranged to be such that piezoelectrically excited vibrations are damped more effectively in the zone than in the center area.